

— HOW TO INSTALL —





INSTALL PREREQUISITES

What do you need before installing PostCSS



NODEJS: DOWNLOAD & INSTALL



POSTCSS: Your CSS as you have always dreamed of

2. INSTALL

Accept all defaults when installing.

	_		×
Velcome to the Node.j	is Setup	Wizard	
ao Cotup Wizzed will install Nada	is an your	computer	
ie Setup Wizard Will Install Node	.js on your	computer.	
Back	Next	Canc	el

3. CHECK

Check that nodejs has been installed correctly.





Terminal application included with MacOS.

Node.js Command Prompt (available after installing Node.js).



2 PROJECT FOLDERS & PACKAGE.JSON FILE

1. PROJECT FOLDERS

Create a folder for your web site / application.

• • •	Projects	
myproject		

Create two subfolder inside for your source and distribution code.



2. PACKAGE.JSON

Run npm init -y in that folder to create the package.json file.

🖏 Node.js command prompt
C:\Users\Miguel\projects\mypro This utility will walk you thr It only covers the most common
See `npm help json` for defini and exactly what they do.
Use `npm install <pkg>save` save it as a dependency in the</pkg>
Press ^C at any time to quit. name: (myproject) version: (1.0.0) description: My first config f entry point: (index.js) gulpfi test command: git repository: keywords: author: My name here license: (ISC) About to write to C:\Users\Mig
{ "name": "myproject", "version": "1.0.0", "description": "My first con

```
Is this ok? (yes) yes
 :\Users\Miguel\projects\myp
```

POSTCSS: Your CSS as you have always dreamed of

_		×
oject>npm init rough creating a package.json file. n items, and tries to guess sensible de	faults.	
itive documentation on these fields		
` afterwards to install a package and e package.json file.		
file for a PostCSS project ile.js		
guel\projects\myproject\package.json:		
nfig file for a PostCSS project",		
test specified\" && exit 1"		
oject>_		

3. CHECK

Open the package.json file that npm init have just created.

• • •	package.json
<pre>{ "name": "myproject", "version": "1.0.0", "description": "My fin "main": "gulpfile.js", "scripts": { "test": "echo \"Erro }, "author": "My name her "license": "ISC" }</pre>	rst project with PostCSS", or: no test specified∖" && exit 1" re",

You should find this file in the root of your project folder.



3 GULP: INSTALL

1. GLOBALLY

Install Gulp globally.

•••	Termir	inal	
myproject\$	npm i aulp	-0	
		9	

2. FOR YOUR PROJECT



PostCSS needs to be integrated into your workflow through a build tool. We're going to use Gulp as the best option for this course. But you can use PostCSS with other popular build tools. <u>More information</u>.

POSTCSS: Your CSS as you have always dreamed of

After installing Gulp globally, we need to install it for our project.

3. CHECK

Gulp should now appear in the package.json file.

•••	package.json
<pre>{ "name" "versi "descr" "main" "scrip "tes }, "autho "licen "devDe "gul } }</pre>	<pre>"myproject", on": "1.0.0", iption": "My first project with PostCSS", : "gulpfile.js", cs": { c": "echo \"Error: no test specified\" && exit 1" r": "My name here", se": "ISC", pendencies": { o": "^4.0.0"</pre>
It's include	d as a developer dependency.
	myproject
src	dist node_modules package.json

A loider named node_modules should also appear in the root of your project folder.





INSTALL POSTCSS

How to easily complete the installation





POSTCSS: INSTALL

INSTALL

After completing the prerequisites, you're ready to install PostCSS.



gulp-postcss is added as a dependency to your package.json.

package.json "name": "myproject", "version": "1.0.0", "description": "My first project with PostCSS", "main": "gulpfile.js", "scripts": { "test": "echo \"Error: no test specified\" && exit 1" **}**, "author": "My name here", "license": "ISC", "devDependencies": { "gulp": "^4.0.0", "gulp-postcss": "^8.0.0"

POSTCSS: Your CSS as you have always dreamed of

CHECK

LET'S GO!

Everything is OK to get started. Let's have some fun with PostCSS!







FIRST RUN

Running PostCSS before installing any plug-in



POSTCSS: FIRST RUN





2 POSTCSS: FIRST RUN

PREPARE YOUR TASK

After installing Gulp, create gulpfile.js with the following code.

```
gulpfile.js
var gulp = require('gulp'),
    postcss = require('gulp-postcss');
gulp.task('css', function () {
  var processors = [
    // PostCSS plugins here
  ];
  return gulp.src('./src/*.css')
    .pipe(postcss(processors))
    .pipe(gulp.dest('./dist'));
});
```

Save this file in your myproject folder.

READY TO USE CODE

Run the task you've just created.

myproject\$ gulp css

POSTCSS: Your CSS as you have always dreamed of

RUN



CHECK

Compare the original and the generated files.



Both files are identical. PostCSS has done its work but, as we haven't added any plugin yet, the original and the generated CSS have the same code.





— HOW TO INSTALL —

